

Day : Monday  
Date: 4/18/2005

Time: 17:00:16



## Inventor Name Search Result

Your Search was:

Last Name = KITTAKA

First Name = SHIGEO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">07285217</a>	5050970	150	12/16/1988	LENS SYSTEM FOR USE IN OPTICAL INFORMATION DEVICE	KITTAKA, SHIGEO
<a href="#">07507881</a>	Not Issued	166	04/12/1990	METHOD OF PERFORMING AN ION EXCHANGE OF OPTICAL GLASS	KITTAKA, SHIGEO
<a href="#">07744830</a>	5139557	150	08/13/1991	METHOD OF PERFORMING AN ION EXCHANGE OF OPTICAL GLASS	KITTAKA, SHIGEO
<a href="#">08963959</a>	6010787	150	11/04/1997	GLASS COMPOSITIONS FOR CORE/CLADDING TYPE DISTRIBUTED INDEX OPTICAL ELEMENT	KITTAKA, SHIGEO
<a href="#">09095566</a>	5959783	150	06/11/1998	ROD LENS ARRAY AND LIFE-SIZE IMAGING OPTICAL APPARATUS USING THE SAME	KITTAKA, SHIGEO
<a href="#">09124074</a>	5978146	150	07/29/1998	ROD LENS ARRAY AND LIFE-SIZE IMAGING OPTICAL APPARATUS USING THE SAME	KITTAKA, SHIGEO
<a href="#">09146667</a>	5949585	150	09/03/1998	OPTICS USING GRADED-INDEX LENS.	KITTAKA, SHIGEO
<a href="#">09193719</a>	6066273	150	11/17/1998	AXIAL REFRACTIVE INDEX DISTRIBUTED LENS	KITTAKA, SHIGEO
<a href="#">09212076</a>	6031668	150	12/15/1998	OPTICAL IMAGING SYSTEM	KITTAKA, SHIGEO
<a href="#">09264491</a>	6078431	150	03/08/1999	OBJECT LENS SYSTEM	KITTAKA, SHIGEO
<a href="#">09414073</a>	6252722	150	10/07/1999	ENDOSCOPIC OBJECTIVE LENS	KITTAKA, SHIGEO
<a href="#">09489503</a>	6366408	150	01/21/2000	OPTICAL IMAGING SYSTEM	KITTAKA, SHIGEO

<u>09525519</u>	<u>6330116</u>	150	03/15/2000	OPTICS USING A GRADIENT INDEX LENS	KITAKA, SHIGEO
<u>09709715</u>	<u>6476975</u>	150	11/13/2000	MOTHER GLASS COMPOSITION FOR GRADED INDEX LENS	KITAKA, SHIGEO
<u>09726517</u>	<u>6511932</u>	150	12/01/2000	GRADED INDEX LENS	KITAKA, SHIGEO
<u>09745079</u>	<u>6429977</u>	150	12/20/2000	OPTICAL IMAGING SYSTEM	KITAKA, SHIGEO
<u>09759903</u>	<u>6577790</u>	150	01/12/2001	OPTICAL DEVICE WITH OPTICAL FIBERS AND ROD LENSES	KITAKA, SHIGEO
<u>09942663</u>	Not Issued	071	08/31/2001	OPTICAL DEVICE AND SPECTROSCOPIC AND POLARIZATION SEPARATING APPARATUS USING THE SAME	KITAKA, SHIGEO
<u>10000812</u>	Not Issued	161	12/04/2001	OPTICAL DEVICE AND SPECTROSCOPIC AND INTEGRATED OPTICAL APPARATUS USING THE SAME	KITAKA, SHIGEO
<u>10024511</u>	Not Issued	161	12/21/2001	WAVELENGTH MONITORING APPARATUS	KITAKA, SHIGEO
<u>10024512</u>	<u>6847770</u>	150	12/21/2001	LENS FUNCTION-INCLUDING OPTICAL FIBER AND METHOD OF PRODUCING THE SAME	KITAKA, SHIGEO
<u>10067858</u>	Not Issued	092	02/08/2002	METHOD FOR MEASURING GRADIENT INDEX DISTRIBUTION OF ROD LENS	KITAKA, SHIGEO
<u>10068166</u>	Not Issued	071	02/06/2002	OPTICAL IMAGING SYSTEM	KITAKA, SHIGEO
<u>10073958</u>	Not Issued	094	02/14/2002	OPTICAL COUPLING SYSTEM AND OPTICAL DEVICE USING THE SAME	KITAKA, SHIGEO
<u>10114483</u>	Not Issued	161	04/03/2002	OPTICAL DEVICE, AND WAVELENGTH MULTIPLEXING OPTICAL RECORDING HEAD	KITAKA, SHIGEO
<u>10131047</u>	<u>6807337</u>	150	04/25/2002	OPTICAL DEVICE	KITAKA, SHIGEO
<u>10212416</u>	<u>6782162</u>	150	08/05/2002	OPTICAL MODULE AND METHOD FOR ASSEMBLING	KITAKA, SHIGEO

				THE SAME	
<u>10346053</u>	Not Issued	030	01/17/2003	METHOD FOR PRODUCING ASPHERICAL STRUCTURE, AND ASPHERICAL LENS ARRAY MOLDING TOOL AND ASPHERICAL LENS ARRAY PRODUCED BY THE SAME METHOD	KITAKA, SHIGEO
<u>10347266</u>	<u>6825963</u>	150	01/21/2003	OPTICAL ELEMENT	KITAKA, SHIGEO
<u>10367814</u>	Not Issued	041	02/19/2003	OPTICAL ELEMENT AND SPECTROSCOPIC DEVICE USING THE SAME	KITAKA, SHIGEO
<u>10375099</u>	Not Issued	092	02/28/2003	OPTICAL ELEMENT	KITAKA, SHIGEO
<u>10397284</u>	Not Issued	164	03/27/2003	OPTICAL ELEMENT USING ONE-DIMENSIONAL PHOTONIC CRYSTAL AND OPTICAL DEVICE USING THE SAME	KITAKA, SHIGEO
<u>10438827</u>	Not Issued	041	05/16/2003	OPTICAL ELEMENT USING ONE-DIMENSIONAL PHOTONIC CRYSTAL AND SPECTROSCOPIC DEVICE USING THE SAME	KITAKA, SHIGEO
<u>10519817</u>	Not Issued	019	01/01/0001	PHOTONIC CRYSTAL OPTICAL WAVEGUIDE	KITAKA, SHIGEO
<u>10623448</u>	Not Issued	071	07/18/2003	DIFFRACTION DEVICE USING PHOTONIC CRYSTAL	KITAKA, SHIGEO
<u>10680886</u>	Not Issued	041	10/08/2003	FILTER MODULE	KITAKA, SHIGEO
<u>10765309</u>	Not Issued	020	01/27/2004	OPTICAL ELEMENT, OPTICAL CIRCUIT PROVIDED WITH THE OPTICAL ELEMENT, AND METHOD FOR PRODUCING THE OPTICAL ELEMENT	KITAKA, SHIGEO
<u>60500850</u>	Not Issued	159	09/04/2003	COMPUTING ALGORITHM AND DEVICE TO ELIMINATE STRETCHING OF DATA PULSES DURING MUX AND DEMUX PROCESS	KITAKA, SHIGEO

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name**

**First Name**

1334

☐ 1.18 Fees ( Issue )☐ Other☐ Credit

	Type	Hits	Search Text
1	BRS	0	10/623448 "10623448" "10,623,448"
2	BRS	0	10/623448 "10623448" "10,623,448"
3	BRS	0	'10/623448' "10623448" '10,623,448'
4	BRS	1320	photonic near7 crystal\$5
5	BRS	94275	crystal\$5 same (layers periodic parallel\$3)
6	BRS	19742	diffract\$5 near7 grating\$1
7	BRS	5983	phase\$1 near7 grating\$1
8	BRS	38	(photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)
9	BRS	6029	awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1)
10	BRS	17	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))
11	BRS	21	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4
12	BRS	17	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) and (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
1	US-PGPUB; USPAT	2004/10/12 15:55		
2	US-PGPUB; USPAT	2004/10/12 11:44		
3	US-PGPUB; USPAT	2004/10/12 15:55		
4	US-PGPUB; USPAT	2004/10/12 16:00		
5	US-PGPUB; USPAT	2004/10/12 19:53		
6	US-PGPUB; USPAT	2004/10/12 16:03		
7	US-PGPUB; USPAT	2004/10/12 19:54		
8	US-PGPUB; USPAT	2004/10/12 19:58		
9	US-PGPUB; USPAT	2004/10/12 18:25		
10	US-PGPUB; USPAT	2004/10/12 16:07		
11	US-PGPUB; USPAT	2004/10/12 16:08		
12	US-PGPUB; USPAT	2004/10/12 19:30		

	Errors	Ref #
1		S20
2		S21
3		S22
4		S23
5		S24
6		S25
7		S26
8		S27
9		S28
10		S29
11		S30
12		S31

	Type	Hits	Search Text
13	BRS	17	(((((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1)))) and (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4)) and ((dispers\$5 near9 constant) resolution\$1)
14	BRS	4	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))))
15	BRS	6	"142449"
16	BRS	2	"2002142449"
17	BRS	1	"2002-142449"
18	BRS	0	"p2002-142449"
19	BRS	0	P2002-089995
20	BRS	0	'P2002-089995'
21	BRS	1	'2002-089995'
22	BRS	0	'089995'
23	BRS	5	'89995'
24	BRS	25	'0089995'



	DBs	Time Stamp	Comments	Error Definition
13	US-PGPUB; USPAT	2004/10/12 16:17		
14	US-PGPUB; USPAT	2004/10/12 16:26		
15	JPO; DERWENT	2004/10/12 16:27		
16	JPO; DERWENT	2004/10/14 16:03		
17	JPO; DERWENT	2004/10/12 16:29		
18	JPO; DERWENT	2004/10/12 16:33		
19	JPO; DERWENT	2004/10/12 16:34		
20	JPO; DERWENT	2004/10/12 16:34		
21	JPO; DERWENT	2004/10/12 16:34		
22	JPO; DERWENT	2004/10/12 16:34		
23	JPO; DERWENT	2004/10/12 16:34		
24	JPO; DERWENT	2004/10/12 16:37		

	Errors	Ref #
13		S32
14		S33
15		S34
16		S35
17		S36
18		S37
19		S38
20		S39
21		S40
22		S41
23		S42
24		S43

	Type	Hits	Search Text
25	BRS	7	'2089995'
26	BRS	0	'jp089995'
27	BRS	0	'jp 089995'
28	BRS	144	(photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1)
29	BRS	27	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))
30	BRS	0	((((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) and ((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4)) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4)
31	BRS	10	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) and ((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4))

	DBs	Time Stamp	Comments	Error Definition
25	JPO; DERWENT	2004/10/12 16:37		
26	JPO; DERWENT	2004/10/12 16:37		
27	JPO; DERWENT	2004/10/12 16:37		
28	US-PGPUB; USPAT	2004/10/12 18:25		
29	US-PGPUB; USPAT	2004/10/12 20:09		
30	US-PGPUB; USPAT	2004/10/12 18:31		
31	US-PGPUB; USPAT	2004/10/12 18:31		

	Errors	Ref #
25		S44
26		S45
27		S46
28		S47
29		S48
30		S49
31		S50

	Type	Hits	Search Text
32	BRS	21	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1)))
33	BRS	54	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4
34	BRS	23	(((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))))))
35	BRS	25	(((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4)) not "43"

	DBs	Time Stamp	Comments	Error Definition
32	US-PGPUB; USPAT	2004/10/12 18:50		
33	US-PGPUB; USPAT	2004/10/12 20:09		
34	US-PGPUB; USPAT	2004/10/12 19:23		
35	US-PGPUB; USPAT	2004/10/12 19:22		

	Errors	Ref #
32		S51
33		S52
34		S53
35		S54



	Type	Hits	Search Text
36	BRS	19	(((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4)) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) not (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1)))))) ) )
37	BRS	50	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4)

	DBs	Time Stamp	Comments	Error Definition
36	US-PGPUB; USPAT	2004/10/12 19:16		
37	US-PGPUB; USPAT	2004/10/12 20:03		

	Errors	Ref #
36		S55
37		S56

	Type	Hits	Search Text
38	BRS	17	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))) and (((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)) and demultiplex\$4)
39	BRS	16	("20030002773" "6735368" "6671443" "20040008928" "6645603" "6291797" "20030214700" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6671443" "6640034" "6591035" "6591035" "20040008928").pn.
40	BRS	16	("20030002773" "6735368" "6671443" "20040008928" "6645603" "6291797" "20030214700" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6671443" "6640034" "6591035" "6591035" "20040008928").pn.
41	BRS	16	("20040008928" "20030214700" "20030002773" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6735368" "6671443" "6645603" "6640034" "6591035" "6291797").pn.
42	BRS	16	(("20040008928" "20030214700" "20030002773" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6735368" "6671443" "6645603" "6640034" "6591035" "6291797").pn. ) and crystal\$5 same (layers periodic parallel\$3)

	DBs	Time Stamp	Comments	Error Definition
38	US-PGPUB; USPAT	2004/10/12 19:35		
39	US-PGPUB; USPAT	2004/10/12 19:47		
40	US-PGPUB; USPAT	2004/10/14 19:33		
41	US-PGPUB; USPAT	2004/10/12 19:52		
42	US-PGPUB; USPAT	2004/10/12 19:56		

	Errors	Ref #
38		S57
39		S58
40		S59
41		S60
42		S61

	Type	Hits	Search Text
43	BRS	6	((("20040008928" "20030214700" "20030002773" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6735368" "6671443" "6645603" "6640034" "6591035" "6291797").pn. ) and (phase\$1 near7 grating\$1)
44	BRS	6	((("20040008928" "20030214700" "20030002773" "20020197042" "20020122613" "20020088929" "20020027655" "20020018298" "20010026659" "20010012149" "6735368" "6671443" "6645603" "6640034" "6591035" "6291797").pn. ) and (phase\$1 near7 grating\$1)) and crystal\$5 same (layers periodic\$4 parallel\$3)
45	BRS	38	(photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)
46	BRS	42	(photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)
47	BRS	4	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1) ) not ((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1) )
48	BRS	0	(photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) and (phase\$1 near7 grating\$1)

	DBs	Time Stamp	Comments	Error Definition
43	US-PGPUB; USPAT	2004/10/12 19:55		
44	US-PGPUB; USPAT	2004/10/14 17:44		
45	US-PGPUB; USPAT	2004/10/12 19:59		
46	US-PGPUB; USPAT	2004/10/12 20:01		
47	US-PGPUB; USPAT	2004/10/12 19:59		
48	EPO; JPO; DERWENT	2004/10/12 20:01		



	Errors	Ref #
43		S62
44		S63
45		S64
46		S65
47		S66
48		S67

	Type	Hits	Search Text
49	BRS	55	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4
50	BRS	54	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4
51	BRS	50	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4)
52	BRS	52	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4)
53	BRS	2	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4) ) not ((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (dispers\$5 same periodic\$4) )
54	BRS	1	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4) not ((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and demultiplex\$4 and periodic\$4 )
55	BRS	0	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$4 parallel\$3)) and (diffract\$5 near7 grating\$1) ) and (awg awdg (array\$3 near3 waveguide\$1 near1 grating\$1))

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
49	US-PGPUB; USPAT	2004/10/12 20:02		
50	US-PGPUB; USPAT	2004/10/12 20:04		
51	US-PGPUB; USPAT	2004/10/12 20:03		
52	US-PGPUB; USPAT	2004/10/12 20:04		
53	US-PGPUB; USPAT	2004/10/12 20:04		
54	US-PGPUB; USPAT	2004/10/12 20:04		
55	EPO; JPO	2004/10/12 20:09		

	Errors	Ref #
49		S68
50		S69
51		S70
52		S71
53		S72
54		S73
55		S74

	Type	Hits	Search Text
56	BRS	4	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$5 parallel\$3)) and (diffract\$5 near7 grating\$1)) and (dispers\$5 demultiplex\$4) and periodic\$4
57	BRS	0	"2002142449"
58	BRS	1	"20010012149".pn.
59	BRS	1	S2 and grating\$1
60	BRS	1	S2 and (frequenc\$4 same gap\$1)
61	BRS	1	"20030214700"
62	BRS	0	S5 and (frequenc\$4 same gap\$1)
63	BRS	0	S5 and (frequenc\$4 same bandgap\$1)
64	BRS	1	"6291797".pn.
65	BRS	1	S8 and (crystal\$4 grating)
66	BRS	1	S8 and (crystal\$4 grating\$1)
67	BRS	1	S2 and (multilayer laayer\$1 dielectric\$4 indices index\$3)
68	BRS	1	S12 and (grating same crystal\$4)
69	BRS	1	S12 and (grating\$1 same crystal\$4)
70	BRS	2	S12 and (band\$1 frequenc\$4 gap\$1)
71	BRS	2	S12 and (band\$1 frequenc\$4 gap\$1 perpendicular)
72	BRS	1	S13 and (band\$1 frequenc\$4 gap\$1 perpendicular)
73	BRS	1	S13 and (band\$1 frequenc\$4 gap\$1 perpendicular grating\$1 crystal\$4)
74	BRS	2	("20020197042" "20020122613").pn.
75	BRS	2	S12 and (grating crystal\$4)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
56	EPO; JPO; DERWENT	2005/04/18 16:58		
57	US-PGPUB; USPAT; EPO	2004/10/14 16:04		
58	US-PGPUB; USPAT; EPO	2004/10/14 16:09		
59	US-PGPUB; USPAT; EPO	2004/10/14 17:05		
60	US-PGPUB; USPAT; EPO	2004/10/14 17:25		
61	US-PGPUB; USPAT	2004/10/14 20:34		
62	US-PGPUB; USPAT; EPO	2004/10/14 17:26		
63	US-PGPUB; USPAT; EPO	2004/10/14 17:26		
64	US-PGPUB; USPAT	2004/10/14 17:45		
65	US-PGPUB; USPAT	2004/10/14 17:46		
66	US-PGPUB; USPAT	2004/10/14 18:04		
67	US-PGPUB; USPAT	2004/10/14 18:05		
68	US-PGPUB; USPAT	2004/10/14 20:34		
69	US-PGPUB; USPAT	2004/10/14 19:39		
70	US-PGPUB; USPAT	2004/10/14 19:40		
71	US-PGPUB; USPAT	2004/10/14 19:41		
72	US-PGPUB; USPAT	2004/10/14 19:45		
73	US-PGPUB; USPAT	2004/10/14 19:45		
74	US-PGPUB; USPAT	2004/10/14 20:33		
75	US-PGPUB; USPAT	2005/04/18 16:58		

	Errors	Ref #
56		S75
57		S1
58		S2
59		S3
60		S4
61		S5
62		S6
63		S7
64		S8
65		S9
66		S10
67		S11
68		S13
69		S14
70		S15
71		S16
72		S17
73		S18
74		S12
75		S19

	Comments	Error Definition	Errors
1			
2			
3			



	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	2	("20020197042" "20020122613").pn.	US- PGPUB; USPAT	2005/04/18 16:58
2	BRS	L3	142	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$5 parallel\$3)) and (diffract\$5 near7 grating\$1)) and (dispers\$5 demultiplex\$4) and periodic\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/04/18 17:01
3	BRS	L2	2	L1 and (grating crystal\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/04/18 17:01
4	BRS	L4	142	((photonic near7 crystal\$5) and (crystal\$5 same (layers periodic\$5 parallel\$3)) and (diffract\$5 near7 grating\$1)) and (dispers\$5 demultiplex\$4) and periodic\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/04/18 17:01

	Comments	Error Definition	Errors
1			
2			
3			
4			